



US 20180082051A1

(19) **United States**

(12) **Patent Application Publication**
Gibbs et al.

(10) **Pub. No.: US 2018/0082051 A1**

(43) **Pub. Date: Mar. 22, 2018**

(54) **SYSTEMS AND METHODS FOR TRACKING
USERS OF WEARABLE DEVICES**

H04W 4/02 (2006.01)

H04W 4/00 (2006.01)

(71) Applicant: **Wal-Mart Stores, Inc.**, Bentonville, AR
(US)

(52) **U.S. Cl.**

CPC **G06F 21/34** (2013.01); **G07C 9/00111**
(2013.01); **H04W 4/008** (2013.01); **H04W**
4/027 (2013.01); **H04W 4/021** (2013.01)

(72) Inventors: **Cathy Gibbs**, Bentonville, AR (US);
Christopher Soames Johnson, Pea
Ridge, AR (US); **Kathleen Elizabeth**
Pearson, Bentonville, AR (US)

(57)

ABSTRACT

(21) Appl. No.: **15/708,826**

(22) Filed: **Sep. 19, 2017**

Related U.S. Application Data

(60) Provisional application No. 62/397,146, filed on Sep.
20, 2016.

Publication Classification

(51) **Int. Cl.**

G06F 21/34 (2006.01)

G07C 9/00 (2006.01)

Exemplary embodiments of the present disclosure are related to a distributed system in which wearable devices communicate with computing systems to implement one or more actions or operations and sensor data transmitted by the wearable devices to the computing systems can be utilized to determine information about tasks being performed by the wearers of the wearable devices. Embodiments of the distributed system can include the wearable devices, wireless receivers (or transceivers), and a computing system.

